

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Sound generating device for a mobile terminal of a wireless telecommunication system, ~~with the sound generating device comprising:~~

memory means (5) for storing sounds in the form of waveforms[[,]] so that each waveform corresponding corresponds to a sound, wherein each sound has a typical frequency distribution and digitally sampling such a frequency distribution with and each waveform comprising a predetermined number of samples gives a waveform[[,]]:

selecting means (3) enabling the selection of ~~for selecting~~ a sound and a pitch for said selected sound to be generated;

calculating means (6) for calculating, on the basis of a preset calculation rule, a sound table from the samples of the stored waveform which corresponds to the ~~of a selected sound~~[[,]];

reading means (8) for reading out a part of the samples from said calculated sound table depending on said selected pitch for said selected sound[[,]]; and

output means (2) for outputting a sound on the basis of said part of samples read out from said reading means.

2. (Currently Amended) Sound generating device according to claim 1,

characterized in,

that each waveform stored in said memory means (5) consists of one period of samples of a the frequency distribution of the corresponding said sound to be generated.

3. (Currently Amended) Sound generating device according to claim 2,

characterized in,

that each waveform stored in said memory means (5) consists of ~~a predetermined number~~
~~of~~ 51 samples .

4. (Original) Sound generating device according to claim 1,

characterized in,

that said calculating means (6) calculates said sound table on the basis of an interpolation
calculation.

5. (Currently Amended) Sound generating device according to claim 4,

characterized in,

that the number of calculated interpolated samples between two adjacent samples of said
waveform depends on the selected pitch for the selected ~~sound to be generated~~.

6. (Original) Sound generating device according to claim 5,

characterized in,

that said number of calculated interpolated samples is the same for each note of an
octave, but decreases with ascending octaves.

7. (Original) Sound generating device according to claim 1,

characterized in,

that said reading means (8) reads out every n-th sample from said sound table, n being an integer number.

8. (Currently Amended) Sound generating device according to claim 7,

characterized in,

that said number n depends on the selected pitch for said selected sound ~~to be generated~~.

9. (Original) Sound generating device according to claim 8,

characterized in,

that said number n increases with ascending notes within an octave, but is the same for each respective note in the different octaves.

10. (Original) Sound generating device according to claim 9,

characterized in,

that said reading means (8) reads out the samples from the sound table with a rate of about 8 kHz.

11. (Currently Amended) Sound generating method for a mobile terminal of a wireless telecommunication system, comprising the steps of

storing sounds in the form of waveforms so that each waveform corresponds to a sound,
wherein each sound has a typical frequency distribution and digitally sampling such a frequency
distribution with a predetermined number of samples give a waveform;
enabling the selection of a sound and a pitch for said selected sound;

~~selecting a sound and a pitch for a sound to be generated from stored waveforms, each
stored waveform corresponding to a sound and each stored waveform comprising a
predetermined number of samples,~~

calculating, on the basis of a preset calculation rule, a sound table from the samples of the
stored waveform of which correspond to a selected sound[[,]];

reading out a part of the samples from said calculated sound table depending on said
selected pitch for said selected sound[[,]]; and

outputting a sound on the basis of said read out part of samples.

12. (Currently Amended) Sound generating method according to claim 11,

characterized in,

that each stored waveform consists of one period of samples of a the frequency
distribution of said the corresponding sound to be generated.

13. (Currently Amended) Sound generating method according to claim 12,

characterized in,

that each stored waveform consists of ~~a predetermined number of~~ 51 samples .

14. (Original) Sound generating method according to claim 11,

characterized in,

that in said calculating step said sound table is calculated on the basis of an interpolation
calculation.

15. (Currently Amended) Sound generating method according to claim 14,

characterized in,

that the number of calculated interpolated samples between two adjacent samples of said waveform depends on the selected pitch for the selected ~~sound to be generated~~.

16. (Original) Sound generating method according to claim 15,

characterized in,

that said number of calculated interpolated samples is the same for each note of an octave, but decreases with ascending octaves.

17. (Original) Sound generating method according to claim 11,

characterized in,

that in said reading step every n-th sample is read out from said sound table, n being an integer number.

18. (Currently Amended) Sound generating method according to claim 17,

characterized in,

that said number n depends on the selected pitch for said selected ~~sound to be generated~~.

19. (Original) Sound generating method according to claim 18,

characterized in,

that said number n increases with ascending notes within an octave, but is the same for each respective note in the different octaves.

20. (Original) Sound generating method according to claim 19,

characterized in,

that in said reading step the samples from the sound table are read out with a rate of about 8 kHz.